

## **Abstract of the Disclosure**

Systems and processes are presented which reduce space requirements for pasteurization equipment. The systems include an enclosure defining a heating chamber, and a liquid flow conduit positioned within the heating chamber, the conduit having an inlet and an outlet and defining a flow path for a slurry to be pasteurized. The slurry is heated via indirect contact heat transfer from ambient temperature to a minimum temperature after the slurry is introduced into the flow conduit. The means for heating is positioned inside the heating chamber.

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